

L Number	Hits	Search Text	DB	Time stamp
1	641	706/20	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 13:46
2	597	706/20 and @ad<20001010	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 13:52
3	379	706/16	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 13:52
4	355	706/16 and @ad<20001010	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 13:56
5	332	706/15	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 13:56
6	279	706/15 and @ad<20001010	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 14:00
7	380	medical and diagnose and test and decision and cost	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 14:00
8	226	((medical and diagnose and test and decision and cost) and @ad<20001010	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 14:00
9	84	((medical and diagnose and test and decision and cost) and @ad<20001010) and neural	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 14:01

L Number	Hits	Search Text	DB	Time stamp
1	0	(classifier or classification or classifying) and profit and model and neural and radial and annealing and bayesian	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 07:14
2	1	(classifier or classification or classifying) and objective and model and neural and radial and annealing and bayesian	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 07:16
3	1	(classifier or classification or classifying) and model and neural and radial and annealing and bayesian	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 07:17
4	26	(classifier or classification or classifying) and model and neural and annealing and bayesian	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 07:18
6	18	((classifier or classification or classifying) and model and neural and annealing and bayesian) and @ad<20001010	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 08:16
7	2	medical and neural and neural and radial and annealing and bayesian	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 07:49
8	5728	medical and neural and test	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 07:49
9	4229	(medical and neural and test) and clas\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 07:50
10	119	((medical and neural and test) and clas\$) and objective and bayesian	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 07:50
11	39	((((medical and neural and test) and clas\$) and objective and bayesian) and @ad<20001010	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 08:14

12	653	medical and diagnose and test and decision	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 08:15
13	121	(medical and diagnose and test and decision) and gather and information	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 08:16
14	101	((medical and diagnose and test and decision) and gather and information) and cost	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 08:16
15	51	((((medical and diagnose and test and decision) and gather and information) and cost) and @ad<20001010	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 08:44
16	29	"decision making" and medical and "next test"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 08:44
17	24	("decision making" and medical and "next test") and @ad<20001010	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 08:58
18	15336	"additional information" and test	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 08:58
19	540	("additional information" and test) and medical and neural	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 08:58
20	262	((("additional information" and test) and medical and neural) and @ad<20001010	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 08:58
21	83	(((("additional information" and test) and medical and neural) and @ad<20001010) and objective and cost	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 08:59

22	80	((("additional information" and test) and medical and neural) and @ad<20001010) and objective and cost) and value	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 09:14
23	2	combinatory and medical and test and "additional test"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 09:15

L Number	Hits	Search Text	DB	Time stamp
1	0	(classifier or classification or classifying) and profit and model and neural and radial and annealing and bayesian	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 07:14
2	1	(classifier or classification or classifying) and objective and model and neural and radial and annealing and bayesian	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 07:16
3	1	(classifier or classification or classifying) and model and neural and radial and annealing and bayesian	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 07:17
4	26	(classifier or classification or classifying) and model and neural and annealing and bayesian	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 07:18
6	18	((classifier or classification or classifying) and model and neural and annealing and bayesian) and @ad<20001010	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 07:50
7	2	medical and neural and neural and radial and annealing and bayesian	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 07:49
8	5728	medical and neural and test	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 07:49
9	4229	(medical and neural and test) and clas\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 07:50
10	119	((medical and neural and test) and clas\$) and objective and bayesian	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 07:50
11	39	((((medical and neural and test) and clas\$) and objective and bayesian) and @ad<20001010	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 07:51

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore
RELEASE 1.4Welcome
United States Patent and Trademark Office[Help](#) [FAQ](#) [Terms](#) [IEEE Peer](#)
[Review](#)[Quick Links](#)» [Search](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

Print Format

Your search matched **39** of **936268** documents.

A maximum of **39** results are displayed, **25** to a page, sorted by **Relevance** in **descending** order.
 You may refine your search by editing the current search expression or entering a new one the text box.
 Then click **Search Again**.

((medical and test and classification and objective) and ((1950 <in> py) or (1951 <in> py

[Search Again](#)**Results:**Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD****1 An expert system for control and cell classification***Donovan, R.M.;*

Engineering in Medicine and Biology Society, 1988. Proceedings of the Annual International Conference of the IEEE , 4-7 Nov 1988

Page(s): 1382 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(80 KB\)\]](#) **IEEE CNF****2 Present applications and future needs for portable and installed non-destructive assay systems for attended and unattended operation Euratom Safeguards Directorate***Smith, B.G.R.; Chare, P.; Wagner, H.; Swinhoe, M.; Goerten, J.;*

Nuclear Science Symposium and Medical Imaging Conference, 1991., Conference Record of the 1991 IEEE , 2-9 Nov 1991

Page(s): 1238 -1245 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(732 KB\)\]](#) **IEEE CNF****3 Integration of neural networks and decision tree classifiers for automated cytology screening***Lee, J.S.-J.; Hwang, J.-N.; Davis, D.T.; Nelson, A.C.;*

Neural Networks, 1991., IJCNN-91-Seattle International Joint Conference on , 1991, 8-14 Jul 1991

Page(s): 257 -262 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(468 KB\)\]](#) **IEEE CNF****4 Application of time-frequency analysis to the classification of Bjork-S Convexo-Concave heart valve condition**

Scarbrough, K.; Inderbitzen, R.S.;

Computer-Based Medical Systems, 1994., Proceedings 1994 IEEE Seventh Symposium, 10-12 Jun 1994

Page(s): 131 -138

[\[Abstract\]](#) [\[PDF Full-Text \(260 KB\)\]](#) **IEEE CNF**

5 Application of genetic optimization to medical image segmentation

Cornely, R.; Kuklinski, W.;

Bioengineering Conference, 1994., Proceedings of the 1994 20th Annual North Atlantic Treaty Organization, 17-18 Mar 1994

Page(s): 76 -79

[\[Abstract\]](#) [\[PDF Full-Text \(248 KB\)\]](#) **IEEE CNF**

6 Fast image analysis using Kohonen maps

Willett, D.; Busch, C.; Seibert, F.;

Neural Networks for Signal Processing [1994] IV. Proceedings of the 1994 IEEE Workshop, 6-8 Sep 1994

Page(s): 461 -470

[\[Abstract\]](#) [\[PDF Full-Text \(452 KB\)\]](#) **IEEE CNF**

7 An approach to automatic segmentation of 3D intravascular ultrasound images

Jianming Hu; Xiheng Hu;

Nuclear Science Symposium and Medical Imaging Conference, 1994., 1994 IEEE Conference Record, Volume: 3, 30 Oct-5 Nov 1994

Page(s): 1461 -1464 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(460 KB\)\]](#) **IEEE CNF**

8 The use of echocardiographic image processing in detecting rejection in cardiac transplantation

Hardouin, I.; Lieback, E.; Marois, J.C.; Hetzer, R.;

Ultrasonics Symposium, 1994. Proceedings., 1994 IEEE, Volume: 3, 1-4 Nov 1994

Page(s): 1441 -1444 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(332 KB\)\]](#) **IEEE CNF**

9 Wavelet transform matched filters for the detection and classification of microcalcifications in mammography

Strickland, R.N.; Hee Il Hahn;

Image Processing, 1995. Proceedings., International Conference on, Volume: 1, 1-4 Nov 1995

23-26 Oct 1995

Page(s): 422 -425 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(600 KB\)\]](#) **IEEE CNF**

10 A hybrid intelligent diagnostic system based on neural networks and analysis techniques in the field of automated cytogenetics

Eskiizmirliler, S.; Erkmen, A.M.; Basaran, F.; Nur Cakar, A.;

Image Processing, 1996. Proceedings., International Conference on , Volume: :
16-19 Sep 1996

Page(s): 315 -318 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(436 KB\)\]](#) **IEEE CNF**

11 Nonlinear PDE operators with memory terms for image processing

Cottet, G.-H.; El Ayyadi, M.;

Image Processing, 1996. Proceedings., International Conference on , Volume: :
16-19 Sep 1996

Page(s): 481 -483 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(428 KB\)\]](#) **IEEE CNF**

12 A screening test for speech pathology assessment using objective q measures

Wallen, E.J.; Hansen, J.H.L.;

Spoken Language, 1996. ICSLP 96. Proceedings., Fourth International Confere
Volume: 2 , 3-6 Oct 1996

Page(s): 776 -779 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(436 KB\)\]](#) **IEEE CNF**

13 A sequential detection method for late auditory evoked potentials

Hoppe, U.; Eysholdt, U.; Weiss, S.;

Engineering in Medicine and Biology Society, 1996. Bridging Disciplines for
Biomedicine. Proceedings of the 18th Annual International Conference of the IE
Volume: 3 , 31 Oct-3 Nov 1996

Page(s): 999 -1000 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(208 KB\)\]](#) **IEEE CNF**

14 Feature-based stereological volume estimation in sectional images

Toennies, K.D.; Ozdoba, C.;

Engineering in Medicine and Biology society, 1997. Proceedings of the 19th An
International Conference of the IEEE , Volume: 4 , 30 Oct-2 Nov 1997

Page(s): 1468 -1471 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(304 KB\)\]](#) **IEEE CNF**

15 An application of machine learning in the diagnosis of ischaemic heart disease

Kukar, M.; Groselj, C.; Kononenko, I.; Fettich, J.J.;

Computer-Based Medical Systems, 1997. Proceedings., Tenth IEEE Symposium
11-13 Jun 1997

Page(s): 70 -75

[\[Abstract\]](#) [\[PDF Full-Text \(368 KB\)\]](#) **IEEE CNF**

16 Tomographic feature detection and classification using parallelotope bounded error estimation

Hero, A.O., III; Yong Zhang; Rogers, W.L.;

Acoustics, Speech, and Signal Processing, 1997. ICASSP-97., 1997 IEEE International
Conference on , Volume: 4 , 21-24 Apr 1997

Page(s): 2849 -2852 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(360 KB\)\]](#) **IEEE CNF**

17 Neural network objective functions for detection problems

Weber, D.; Breitenbach, J.;

Communications and Signal Processing, 1997. COMSIG '97., Proceedings of the
South African Symposium on , 9-10 Sep 1997

Page(s): 43 -46

[\[Abstract\]](#) [\[PDF Full-Text \(376 KB\)\]](#) **IEEE CNF**

18 Detection of spicules in mammograms

Jiang, H.; Tiu, W.; Yamamoto, S.; Iisaku, S.-I.;

Image Processing, 1997. Proceedings., International Conference on , Volume: 1
26-29 Oct 1997

Page(s): 520 -523 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(408 KB\)\]](#) **IEEE CNF**

19 "Visual ophthalmologist"; an automated system for classification of retinal damage

Aleynikov, S.; Micheli-Tzanakou, E.;

Neural Networks, 1997., International Conference on , Volume: 4 , 9-12 Jun 1997

Page(s): 2485 -2489 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(800 KB\)\]](#) **IEEE CNF**

20 A neural network classifier for the automatic interpretation of epileptogenic zones in F-18FDG brain PET

Jae Sung Lee; Seok-Ki Kim; Dong Soo Lee; Myung Chul Lee; Kwang Suk Park;
Engineering in Medicine and Biology Society, 1998. Proceedings of the 20th An
International Conference of the IEEE , Volume: 3 , 29 Oct-1 Nov 1998
Page(s): 1408 -1411 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(420 KB\)\]](#) **IEEE CNF**

21 Real-time classification of electrocardiogram based on fractal and correlation analyses

Lai, K.T.; Chan, K.L.;
Engineering in Medicine and Biology Society, 1998. Proceedings of the 20th An
International Conference of the IEEE , 29 Oct-1 Nov 1998
Page(s): 119 -122 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(288 KB\)\]](#) **IEEE CNF**

22 The quantitative analysis approach for a heart sound information sy

Cao Zehan; Zhou Shiyong; Fu Li; Pei Yuli; Xiao Shouzhong;
Engineering in Medicine and Biology Society, 1998. Proceedings of the 20th An
International Conference of the IEEE , Volume: 3 , 29 Oct-1 Nov 1998
Page(s): 1620 -1621 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(196 KB\)\]](#) **IEEE CNF**

23 Adaptation of ultrasound image texture characterization parameters

Chan, K.L.;
Engineering in Medicine and Biology Society, 1998. Proceedings of the 20th An
International Conference of the IEEE , Volume: 2 , 29 Oct-1 Nov 1998
Page(s): 804 -807 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(384 KB\)\]](#) **IEEE CNF**

24 Classification of electrocardiogram using hidden Markov models

Cheng, W.T.; Chan, K.L.;
Engineering in Medicine and Biology Society, 1998. Proceedings of the 20th An
International Conference of the IEEE , 29 Oct-1 Nov 1998
Page(s): 143 -146 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(280 KB\)\]](#) **IEEE CNF**

25 Reusability and requirements engineering in intelligent systems*Welzer, T.; Rozman, I.; Druzovec, M.; Brumen, B.;*

Systems, Man, and Cybernetics, 1999. IEEE SMC '99 Conference Proceedings.

IEEE International Conference on , Volume: 5 , 1999

Page(s): 796 -799 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(288 KB\)\]](#) **IEEE CNF**[1](#) [2](#) [\[Next\]](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#)
[Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#)
[No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2003 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore®
RELEASE 1.4Welcome
United States Patent and Trademark Office[Help](#) [FAQ](#) [Terms](#) [IEEE Peer](#)
[Review](#)[Quick Links](#)

» Search

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

Print Format

Your search matched **144** of **936268** documents.

A maximum of **144** results are displayed, **50** to a page, sorted by **Relevance** in **descending** order.
 You may refine your search by editing the current search expression or entering a new one the text box.
 Then click **Search Again**.

((classification and medical and test and neural) and ((1950 <in> py) or (1951 <in> py) d

[Search Again](#)**Results:**Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD****1 Robust methodology for the discrimination of brain tumours from in vivo magnetic resonance spectra***Lisboa, P.J.G.; Lee, A.Y.B.; El-Deredy, E.; Huang, Y.; Harris, P.;*

Advances in Medical Signal and Information Processing, 2000. First International Conference on (IEEE Conf. Publ. No. 476) , 2000

Page(s): 88 -95

[\[Abstract\]](#) [\[PDF Full-Text \(508 KB\)\]](#) **IEEE CNF****2 The study of micro-arousals using neural network analysis of the EEG***Zamora, M.; Tarassenko, L.;*

Artificial Neural Networks, 1999. ICANN 99. Ninth International Conference on Publ. No. 470) , Volume: 2 , 1999

Page(s): 625 -630 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(396 KB\)\]](#) **IEEE CNF****3 A comparison of ICU mortality prediction using the Apache II scoring system and artificial neural network***Wong, L.S.S.; Young, J.D.;*

Intelligent Decision Support in Clinical Practice (Ref. No. 1998/462), IEEE Colloquium on , 22 Jun 1998

Page(s): 11/1 -11/3

[\[Abstract\]](#) [\[PDF Full-Text \(164 KB\)\]](#) **IEEE CNF****4 Automated recognition of auditory evoked potentials***McAllister, H.G.; McCullagh, P.J.;*

Intelligent Decision Support in Clinical Practice (Ref. No. 1998/462), IEE Colloc
on , 22 Jun 1998
Page(s): 9/1 -9/3

[\[Abstract\]](#) [\[PDF Full-Text \(176 KB\)\]](#) **IEE CNF**

**5 A hybrid neuro-fuzzy system for the classification of normal, fusion a
cardiac beats in the MIT-BIH database**

Ramirez-Rodriguez, C.; Vladimirova, T.;

Artificial Intelligence Methods for Biomedical Data Processing, IEE Colloquium (I
Apr 1996

Page(s): 2/1 -2/6

[\[Abstract\]](#) [\[PDF Full-Text \(364 KB\)\]](#) **IEE CNF**

**6 Identification of relevant features in ¹H MR tumour spectra using neu
networks**

El-Deredy, W.; Branston, N.M.;

Artificial Neural Networks, 1995., Fourth International Conference on , 26-28 J

Page(s): 454 -458

[\[Abstract\]](#) [\[PDF Full-Text \(468 KB\)\]](#) **IEE CNF**

**7 International Conference on Image Processing and its Applications (I
Publ. No.354)**

Image Processing and its Applications, 1992., International Conference on , 7-9
1992

[\[Abstract\]](#) [\[PDF Full-Text \(32 KB\)\]](#) **IEE CNF**

8 Neural nets for ECG classification

Pietka, E.;

Engineering in Medicine and Biology Society, 1989. Images of the Twenty-First
Century. Proceedings of the Annual International Conference of the IEEE Engin
in , 9-12 Nov 1989

Page(s): 2021 -2022 vol.6

[\[Abstract\]](#) [\[PDF Full-Text \(124 KB\)\]](#) **IEEE CNF**

9 Neural network based multi sensor heart sound analysis

Barschdorff, D.; Ester, S.; Dorsel, T.; Most, E.;

Computers in Cardiology 1990. Proceedings. , 23-26 Sep 1990

Page(s): 303 -306

[\[Abstract\]](#) [\[PDF Full-Text \(232 KB\)\]](#) **IEEE CNF**

10 Multispectral magnetic resonance image segmentation using neural networks

Ozkan, M.; Sprenkels, H.G.; Dawant, B.M.;

Neural Networks, 1990., 1990 IJCNN International Joint Conference on , 17-21 1990

Page(s): 429 -434 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(572 KB\)\]](#) **IEEE CNF**

11 Feedforward Bayesian neural network and continuous attributes

Kononenko, I.;

Neural Networks, 1991. 1991 IEEE International Joint Conference on , 18-21 N

Page(s): 146 -151 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(304 KB\)\]](#) **IEEE CNF**

12 Identification of supraventricular and ventricular arrhythmias using combination of three neural networks

Chi, Z.; Jabri, M.A.;

Computers in Cardiology 1991. Proceedings. , 23-26 Sep 1991

Page(s): 169 -172

[\[Abstract\]](#) [\[PDF Full-Text \(288 KB\)\]](#) **IEEE CNF**

13 Determination of the etiology of wide-QRS tachycardias using an art neural network

Dassen, W.; Mulleneers, R.; Bleijlevens, B.; den Dulk, K.; Rodriguez, L.M.; Sch. J.; Katsivas, A.; Wellens, H.;

Computers in Cardiology 1991. Proceedings. , 23-26 Sep 1991

Page(s): 165 -168

[\[Abstract\]](#) [\[PDF Full-Text \(204 KB\)\]](#) **IEEE CNF**

14 Integration of neural networks and decision tree classifiers for auto cytology screening

Lee, J.S.-J.; Hwang, J.-N.; Davis, D.T.; Nelson, A.C.;

Neural Networks, 1991., IJCNN-91-Seattle International Joint Conference on , \ i , 8-14 Jul 1991

Page(s): 257 -262 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(468 KB\)\]](#) **IEEE CNF**

15 Application of neural network in ultrasound tissue characterization and backscattered signal parameters

Amin, V.R.; Doerr, V.J.; Arul, P.R.; Carlson, D.L.;

Nuclear Science Symposium and Medical Imaging Conference, 1992., Conference Record of the 1992 IEEE , 25-31 Oct 1992

Page(s): 1357 -1359 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(256 KB\)\]](#) **IEEE CNF**

16 Neural network versus electrocardiographer and conventional computer criteria in diagnosing anterior infarct from the ECG

Reddy, M.R.S.; Edenbrandt, L.; Svensson, J.; Haisty, W.K.; Pahlm, O.;

Computers in Cardiology 1992. Proceedings. , 11-14 Oct 1992

Page(s): 667 -670

[\[Abstract\]](#) [\[PDF Full-Text \(244 KB\)\]](#) **IEEE CNF**

17 Detection of ventricular ectopic beats using neural networks

Chow, H.-S.; Moody, G.B.; Mark, R.G.;

Computers in Cardiology 1992. Proceedings. , 11-14 Oct 1992

Page(s): 659 -662

[\[Abstract\]](#) [\[PDF Full-Text \(296 KB\)\]](#) **IEEE CNF**

18 A symbolic-neural classification system assisting the characterization of the Lyme-disease

Moneta, C.; Zunino, R.;

Systems, Man and Cybernetics, 1992., IEEE International Conference on , 18-21 1992

Page(s): 136 -139 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(340 KB\)\]](#) **IEEE CNF**

19 Neural networks applied to the collagenous disease Osteogenesis imperfecta

Klein, T.E.; Wong, E.;

System Sciences, 1992. Proceedings of the Twenty-Fifth Hawaii International Conference on , Volume: i , 7-10 Jan 1992

Page(s): 697 -705 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(652 KB\)\]](#) **IEEE CNF**

20 Prognosis with neural networks using statistically based feature set*Michel, J.; Mirchandani, G.; Wald, S.;*

Computer-Based Medical Systems, 1992. Proceedings., Fifth Annual IEEE Symposium, 14-17 Jun 1992

Page(s): 695 -702

[\[Abstract\]](#) [\[PDF Full-Text \(364 KB\)\]](#) **IEEE CNF****21 1993 IEEE Instrumentation and Measurement Technology Conference**

Instrumentation and Measurement Technology Conference, 1993. IMTC/93.

Conference Record., IEEE, 18-20 May 1993

[\[Abstract\]](#) [\[PDF Full-Text \(80 KB\)\]](#) **IEEE CNF****22 A neural network to diagnose liver cancer***Maclin, P.S.; Dempsey, J.;*

Neural Networks, 1993., IEEE International Conference on, 1993

Page(s): 1492 -1497 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(528 KB\)\]](#) **IEEE CNF****23 Autoassociator structured neural network for rhythm classification of term electrocardiogram***Silipo, R.; Gori, M.; Marchesi, C.;*

Computers in Cardiology 1993. Proceedings., 5-8 Sep 1993

Page(s): 349 -352

[\[Abstract\]](#) [\[PDF Full-Text \(256 KB\)\]](#) **IEEE CNF****24 Classification of blood volume pulse signals using an artificial neural network Bayesian classifier***Heimer, M.L.; Park, D.C.; Puig, J.A.;*

Biomedical Engineering Conference, 1993., Proceedings of the Twelfth Southern Biomedical Engineering Conference, 1993., Apr 1993

Page(s): 87 -89

[\[Abstract\]](#) [\[PDF Full-Text \(188 KB\)\]](#) **IEEE CNF****25 A neural network system to classify simulated ECG rhythms***Kuppuraj, R.N.;*

Biomedical Engineering Conference, 1993., Proceedings of the Twelfth Southern Biomedical Engineering Conference, 1993., Apr 1993

Page(s): 1 -3

[\[Abstract\]](#) [\[PDF Full-Text \(176 KB\)\]](#) **IEEE CNF**

26 Localization of epileptogenic foci using artificial neural networks

Ouaiss, I.E.; Dhawan, A.P.; Privitera, M.D.;

Engineering in Medicine and Biology Society, 1994. Engineering Advances: New Opportunities for Biomedical Engineers. Proceedings of the 16th Annual International Conference of the IEEE , 1994

Page(s): 1121 -1122 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(180 KB\)\]](#) **IEEE CNF**

27 Tracking changes in action potential shapes in chronic multi-unit intrafascicular recordings using neural network pattern recognition techniques

Mirfakhraei, K.; Horch, K.W.;

Engineering in Medicine and Biology Society, 1994. Engineering Advances: New Opportunities for Biomedical Engineers. Proceedings of the 16th Annual International Conference of the IEEE , 1994

Page(s): 1095 -1096 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(184 KB\)\]](#) **IEEE CNF**

28 Acoustic evaluation of progressive failure in BSCC heart valves

Eberhardt, A.C.; Chassaing, C.E.; Inderbitzen, R.S.; Wieting, D.W.;

Computer-Based Medical Systems, 1994., Proceedings 1994 IEEE Seventh Symposium , 10-12 Jun 1994

Page(s): 112 -118

[\[Abstract\]](#) [\[PDF Full-Text \(276 KB\)\]](#) **IEEE CNF**

29 A comparison of multilayer perceptron neural network and Bayes piecewise classifier for chromosome classification

Lerner, B.; Guterman, H.; Dinstein, I.; Romem, Y.;

Neural Networks, 1994. IEEE World Congress on Computational Intelligence., 1994 IEEE International Conference on , Volume: 6 , 27 Jun- 2 Jul 1994

Page(s): 3472 -3477 vol.6

[\[Abstract\]](#) [\[PDF Full-Text \(332 KB\)\]](#) **IEEE CNF**

30 Fast image analysis using Kohonen maps

Willett, D.; Busch, C.; Seibert, F.;

Neural Networks for Signal Processing [1994] IV. Proceedings of the 1994 IEEE Workshop , 6-8 Sep 1994

Page(s): 461 -470

[\[Abstract\]](#) [\[PDF Full-Text \(452 KB\)\]](#) **IEEE CNF**

31 Signal analysis of electromyogram by artificial neural network

Lo, T.F.; Chan, F.H.Y.; Lam, F.K.; Poon, P.W.F.;

Speech, Image Processing and Neural Networks, 1994. Proceedings, ISSIPNN '94 International Symposium on , 13-16 Apr 1994

Page(s): 535 -538 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(252 KB\)\]](#) **IEEE CNF**

32 Predicting depth of anesthesia using bispectral parameters in neural networks

Muthuswamy, J.;

Engineering in Medicine and Biology Society, 1994. Engineering Advances: New Opportunities for Biomedical Engineers. Proceedings of the 16th Annual International Conference of the IEEE , 1994

Page(s): 1087 -1088 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(140 KB\)\]](#) **IEEE CNF**

33 Classification of CAD severity using fusion neural net analysis of multivariate exercise ECG waveform representations

Froning, J.N.; Brotherton, T.; Simpson, P.; Froelicher, V.F.; Do, D.;

Computers in Cardiology 1994 , 25-28 Sep 1994

Page(s): 605 -608

[\[Abstract\]](#) [\[PDF Full-Text \(304 KB\)\]](#) **IEEE CNF**

34 Identifying 3-vessel and main stem disease during pain at rest using self-learning techniques

Dassen, W.R.M.; Gorgels, A.P.M.; Mulleneers, R.G.A.; Karthaus, V.L.J.; van Elst, J.L.; Wellens, N.J.J.;

Computers in Cardiology 1994 , 25-28 Sep 1994

Page(s): 537 -540

[\[Abstract\]](#) [\[PDF Full-Text \(260 KB\)\]](#) **IEEE CNF**

35 Probabilistic neural networks for medical image quantification

Adali, T.; Yue Wang;

Image Processing, 1994. Proceedings. ICIP-94., IEEE International Conference Volume: 3 , 13-16 Nov 1994

Page(s): 889 -892 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(256 KB\)\]](#) **IEEE CNF**

36 Discriminating mental tasks using EEG represented by AR models*Anderson, C.W.; Stolz, E.A.; Shamsunder, S.;*

Engineering in Medicine and Biology Society, 1995. IEEE 17th Annual Conferen

Volume: 2 , 20-23 Sep 1995

Page(s): 875 -876 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(240 KB\)\]](#) **IEEE CNF**

37 A comparison of neural network architectures for the classification of types of infant cry vocalizations*Petroni, M.; Malowany, A.S.; Johnston, C.C.; Stevens, B.J.;*

Engineering in Medicine and Biology Society, 1995. IEEE 17th Annual Conferen

Volume: 1 , 20-25 Sep 1995

Page(s): 821 -822 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(292 KB\)\]](#) **IEEE CNF**

38 Probabilistic neural network array architecture for ECG classification*Kramer, C.; McKay, B.; Belina, O.;*

Engineering in Medicine and Biology Society, 1995. IEEE 17th Annual Conferen

Volume: 1 , 20-25 Sep 1995

Page(s): 807 -808 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(312 KB\)\]](#) **IEEE CNF**

39 Artificial neural networks for the classification of electrophoretic patterns*Ruggeri, A.; Danzi, G.;*

Engineering in Medicine and Biology Society, 1995. IEEE 17th Annual Conferen

Volume: 1 , 20-25 Sep 1995

Page(s): 825 -826 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(256 KB\)\]](#) **IEEE CNF**

40 Neural networks for predicting depth of anesthesia from auditory evoked potentials: a comparison of the wavelet transform with autoregressive modeling and power spectrum feature extraction methods*Nayak, A.; Roy, M.S.; Roy, R.J.;*

Engineering in Medicine and Biology Society, 1995. IEEE 17th Annual Conferen

Volume: 1 , 20-25 Sep 1995

Page(s): 797 -798 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(224 KB\)\]](#) **IEEE CNF**

41 A comparison of neural network and Bayes recognition approaches for

diagnostic of multiple sclerosis*Nehmadi, Y.; Guterman, H.;*

Electrical and Electronics Engineers in Israel, 1995., Eighteenth Convention of , Mar 1995

Page(s): 1.2.3/1 -1.2.3/5

[\[Abstract\]](#) [\[PDF Full-Text \(352 KB\)\]](#) **IEEE CNF****42 Classification of chromosomes using higher-order neural networks***Zardoshti-Kermani, M.; Afshordi, A.;*

Neural Networks, 1995. Proceedings., IEEE International Conference on , Volun Nov/Dec 1995

Page(s): 2587 -2591 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(264 KB\)\]](#) **IEEE CNF****43 Fuzzy preprocessing and artificial neural network classification for t diagnostic interpretation of the resting ECG***Silipo, R.; Bortolan, G.; Marchesi, C.;*

Computers in Cardiology 1995 , 10-13 Sep 1995

Page(s): 365 -368

[\[Abstract\]](#) [\[PDF Full-Text \(408 KB\)\]](#) **IEEE CNF****44 A neural network system for detection of life-threatening arrhythmia based on Kohonen networks***Voukydis, P.C.;*

Computers in Cardiology 1995 , 10-13 Sep 1995

Page(s): 165 -167

[\[Abstract\]](#) [\[PDF Full-Text \(236 KB\)\]](#) **IEEE CNF****45 A patient-adaptive neural network ECG patient monitoring algorithm***Watrous, R.; Towell, G.;*

Computers in Cardiology 1995 , 10-13 Sep 1995

Page(s): 229 -232

[\[Abstract\]](#) [\[PDF Full-Text \(336 KB\)\]](#) **IEEE CNF****46 Enhancement and identification of microcalcifications in mammogram images using wavelets***Songyang Yu; Brown, S.; Yu Xue; Ling Guan;*

Systems, Man, and Cybernetics, 1996., IEEE International Conference on , Vol 14-17 Oct 1996

Page(s): 1166 -1171 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(424 KB\)\]](#) **IEEE CNF**

47 CCE-based index selection for neuro assisted MR-image segmentatic
Kosugi, Y.; Suganaimi, Y.; Uemoto, N.; Kameyama, K.; Sase, M.; Momose, T.; Nishikawa, J.;

Image Processing, 1996. Proceedings., International Conference on , Volume: :
16-19 Sep 1996

Page(s): 249 -252 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(480 KB\)\]](#) **IEEE CNF**

48 A hybrid intelligent diagnostic system based on neural networks and analysis techniques in the field of automated cytogenetics

Eskiizmirliler, S.; Erkmen, A.M.; Basaran, F.; Nur Cakar, A.;

Image Processing, 1996. Proceedings., International Conference on , Volume: :
16-19 Sep 1996

Page(s): 315 -318 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(436 KB\)\]](#) **IEEE CNF**

49 ECG rhythm classification using artificial neural networks

Oien, G.E.; Bertelsen, N.A.; Eftestol, T.; Husoy, J.H.;

Digital Signal Processing Workshop Proceedings, 1996., IEEE , 1-4 Sep 1996

Page(s): 514 -517

[\[Abstract\]](#) [\[PDF Full-Text \(472 KB\)\]](#) **IEEE CNF**

50 Methodology for the construction of more efficient artificial neural networks by means of studying and selecting the training set

de la Calle, J.D.; del Riego, A.S.; Pazos Sierra, A.;

Neural Networks, 1996., IEEE International Conference on , Volume: 2 , 3-6 Ju

Page(s): 1285 -1290 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(572 KB\)\]](#) **IEEE CNF**

[1](#) [2](#) [3](#) [\[Next\]](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#)
[Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#)
[No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore®
RELEASE 1.4Welcome
United States Patent and Trademark Office[Help](#) [FAQ](#) [Terms](#) [IEEE Peer](#)
[Review](#)[Quick Links](#) ▼

» Search

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

Print Format

Your search matched **15** of **936268** documents.

A maximum of **15** results are displayed, **25** to a page, sorted by **Relevance** in **descending** order.
 You may refine your search by editing the current search expression or entering a new one the text box.
 Then click **Search Again**.

((classification and medical and test and neural and objective) and ((1950 <in> py) or (19

[Search Again](#)**Results:**Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD****1 Integration of neural networks and decision tree classifiers for automatic cytology screening***Lee, J.S.-J.; Hwang, J.-N.; Davis, D.T.; Nelson, A.C.;*

Neural Networks, 1991., IJCNN-91-Seattle International Joint Conference on , Volume: 1, 8-14 Jul 1991

Page(s): 257 -262 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(468 KB\)\]](#) **IEEE CNF****2 Fast image analysis using Kohonen maps***Willett, D.; Busch, C.; Seibert, F.;*

Neural Networks for Signal Processing [1994] IV. Proceedings of the 1994 IEEE Workshop , 6-8 Sep 1994

Page(s): 461 -470

[\[Abstract\]](#) [\[PDF Full-Text \(452 KB\)\]](#) **IEEE CNF****3 A hybrid intelligent diagnostic system based on neural networks and analysis techniques in the field of automated cytogenetics***Eskiizmirli, S.; Erkmen, A.M.; Basaran, F.; Nur Cakar, A.;*

Image Processing, 1996. Proceedings., International Conference on , Volume: 1, 16-19 Sep 1996

Page(s): 315 -318 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(436 KB\)\]](#) **IEEE CNF****4 A screening test for speech pathology assessment using objective qu**

measures

Wallen, E.J.; Hansen, J.H.L.;

Spoken Language, 1996. ICSLP 96. Proceedings., Fourth International Confere
Volume: 2 , 3-6 Oct 1996

Page(s): 776 -779 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(436 KB\)\]](#) **IEEE CNF**

5 A sequential detection method for late auditory evoked potentials

Hoppe, U.; Eysholdt, U.; Weiss, S.;

Engineering in Medicine and Biology Society, 1996. Bridging Disciplines for
Biomedicine. Proceedings of the 18th Annual International Conference of the IE

Volume: 3 , 31 Oct-3 Nov 1996

Page(s): 999 -1000 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(208 KB\)\]](#) **IEEE CNF**

6 Neural network objective functions for detection problems

Weber, D.; Breitenbach, J.;

Communications and Signal Processing, 1997. COMSIG '97., Proceedings of the
South African Symposium on , 9-10 Sep 1997

Page(s): 43 -46

[\[Abstract\]](#) [\[PDF Full-Text \(376 KB\)\]](#) **IEEE CNF**

7 "Visual ophthalmologist" an automated system for classification of retinal damage

Aleynikov, S.; Micheli-Tzanakou, E.;

Neural Networks,1997., International Conference on , Volume: 4 , 9-12 Jun 199

Page(s): 2485 -2489 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(800 KB\)\]](#) **IEEE CNF**

8 A neural network classifier for the automatic interpretation of epilept zones in F-18FDG brain PET

Jae Sung Lee; Seok-Ki Kim; Dong Soo Lee; Myung Chul Lee; Kwang Suk Park;

Engineering in Medicine and Biology Society, 1998. Proceedings of the 20th An
International Conference of the IEEE , Volume: 3 , 29 Oct-1 Nov 1998

Page(s): 1408 -1411 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(420 KB\)\]](#) **IEEE CNF**

9 Objective assessment of pathological voice quality

Ritchings, R.T.; McGillion, M.A.; Conroy, G.V.; Moore, C.J.;

Systems, Man, and Cybernetics, 1999. IEEE SMC '99 Conference Proceedings. IEEE International Conference on , Volume: 6 , 1999
Page(s): 340 -345 vol.6

[\[Abstract\]](#) [\[PDF Full-Text \(388 KB\)\]](#) **IEEE CNF**

10 Training neural networks to count white blood cells via a minimum counting error objective function

Theera-Umpon, N.; Gader, P.D.;

Pattern Recognition, 2000. Proceedings. 15th International Conference on , Vol , 2000

Page(s): 299 -302 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(292 KB\)\]](#) **IEEE CNF**

11 Diagnosis of vocal and voice disorders by the speech signal

Hernandez-Espinosa, C.; Gomez-Vilda, P.; Godino-Llorente, J.I.; Aguilera-Nava
Neural Networks, 2000. IJCNN 2000, Proceedings of the IEEE-INNS-ENNS

International Joint Conference on , Volume: 4 , 2000

Page(s): 253 -258 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(492 KB\)\]](#) **IEEE CNF**

12 Unsupervised classification of ECG beats using a MLVQ neural network

Sun, Y.; Chan, K.L.; Krishnan, S.M.; Dutt, D.N.;

Engineering in Medicine and Biology Society, 2000. Proceedings of the 22nd Annual International Conference of the IEEE , Volume: 2 , 2000

Page(s): 1387 -1390 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(336 KB\)\]](#) **IEEE CNF**

13 Development of a field-portable imaging system for scene classification using multispectral data fusion algorithms

Preston, E.; Bergman, T.; Gorenflo, R.; Hermann, D.; Kopala, E.; Kuzma, T.; L L.; Orkis, R.;

IEEE Aerospace and Electronics Systems Magazine , Volume: 9 Issue: 9 , Sep 1

Page(s): 13 -19

[\[Abstract\]](#) [\[PDF Full-Text \(808 KB\)\]](#) **IEEE JNL**

14 A CAD system for the automatic detection of clustered microcalcifications in digitized mammogram films

Songyang Yu; Ling Guan;

Medical Imaging, IEEE Transactions on , Volume: 19 Issue: 2 , Feb 2000

Page(s): 115 -126

[\[Abstract\]](#) [\[PDF Full-Text \(292 KB\)\]](#) **IEEE JNL**

15 Localization of epileptogenic zones in F-18 FDG brain PET of patients with temporal lobe epilepsy using artificial neural network

Jae Sung Lee; Dong Soo Lee; Seok-Ki Kim; Sang-Kun Lee; June-Key Chung; M. Chul Lee; Kwang Suk Park;

Medical Imaging, IEEE Transactions on , Volume: 19 Issue: 4 , Apr 2000

Page(s): 347 -355

[\[Abstract\]](#) [\[PDF Full-Text \(208 KB\)\]](#) **IEEE JNL**

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#)
[Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#)
[No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2003 IEEE — All rights reserved